

Gunnison County and the Cities for Climate Protection Campaign

ICLEI's Cities for Climate Protection Campaign

ICLEI – Local Governments for Sustainability is a non-profit association of local governments dedicated to improving global environmental conditions through local actions. Through its campaigns ICLEI generates political awareness of key environmental issues, builds capacity in local governments to address these issues, and evaluates progress toward sustainable development.

The Cities for Climate Protection™ Campaign (CCP) is ICLEI's flagship program in the U.S. Through the CCP Campaign, ICLEI assists local governments in their efforts to reduce the greenhouse gas and air pollution emissions that contribute to both global climate change and declining air quality. The CCP Campaign provides analytical tools and methods to measure emissions, thereby enabling local governments to set and achieve emissions reduction goals. The CCP Campaign encourages action by focusing on how measures taken to reduce greenhouse gas emissions also serve to improve the quality of life for the entire community (i.e., improving air quality, reducing traffic congestion and achieving financial savings for residents and businesses).

Over 675 cities and counties around the world participate in the CCP Campaign, including 200 cities and counties in the U.S. Together CCP communities in the U.S. annually reduce greenhouse gas emissions by 23 million tons, eliminate more than 43,000 tons of local air pollutants, and save in excess of \$535 million in energy and fuel costs.

The CCP Methodology

Using software specifically designed for the CCP Campaign, ICLEI staff assists local governments in quantifying their greenhouse gas emissions and the emissions reductions that result from programs and policies implemented by the jurisdiction. ICLEI has developed 5-Milestones that jurisdictions follow to meet their emission reduction goals:

1. Conduct a Greenhouse Gas Emissions Analysis
2. Establish an Emissions Reduction Target
3. Develop a Local Action Plan to Reduce Emissions
4. Implement the Local Action Plan
5. Monitor Progress and Report on Results

ICLEI supports all its members through providing the full range of services and assistance enumerated below. For jurisdictions wishing additional support in completing the Milestones or implementing their programs, ICLEI may provide an enhanced level of assistance on a fee for service basis.

ICLEI Membership

ICLEI members receive basic technical assistance as a part of their membership benefits.

ICLEI provides:

- Personalized orientation to the CCP Campaign, including an overview of the process for establishing an emissions baseline and developing a local climate action plan;
- Hands-on training in the use of ICLEI's Clean Air and Climate Protection Software;
- Basic ongoing technical support (estimated at 2 hours/month) in the use of the software and protocols for emissions quantification;
- Access to case studies, local government network participants, sample resolutions, and policy documents;

- Opportunities to participate in ICLEI's series of virtual training sessions on best practices and new tools in sustainability planning and climate protection;
- Notice of funding opportunities and assistance in matching Members to appropriate sources of funds;
- Membership in the network of worldwide local government representatives who are tackling similar environmental and management issues and who meet at workshops, seminars, and conferences around the world, and through electronic conferences on the website; and
- Invitation and travel to national and international events, supported by ICLEI as funding is available.

The cost of ICLEI membership is based on population.

Beyond the basic assistance that ICLEI provides to its members, the organization may also provide an enhanced level of technical assistance on a fee for service basis. Fee for service costs are in addition to basic membership.

Most jurisdictions conduct the 5-Milestones themselves, while relying on basic membership assistance from ICLEI staff. Often a jurisdiction will hire an intern/research assistant to be responsible for the data collection and emissions analysis process. This method requires consistent supervision from city/county staff, but it is often the most cost effective way to get the job done. ICLEI will train the intern and staff on the emissions analysis software and emissions inventory process and will be available to answer questions and provide guidance throughout the process.

US Mayors Climate Protection Agreement

- By signing this agreement, municipalities will strive to meet or exceed the Kyoto Protocol target of reducing global warming pollution levels to 7% below 1990 levels by 2012
- This includes efforts to: reduce the United States' dependence on fossil fuels and accelerate the development of clean, economical energy resources and fuel-efficient technologies such as conservation, methane recovery for energy generation, wind and solar energy, fuel cells, efficient motor vehicles, and biofuels
- As of August 31, 2006 a total of 291 cities from 44 states have signed onto the US Mayors Agreement, representing over 49.1 million citizens
- <http://www.seattle.gov/mayor/climate/quotes.htm>

How do the Mayors Agreement and the CCP Campaign relate?

In signing the US Mayors Climate Protection Agreement, municipalities are committing to reducing the emissions that cause global warming. ICLEI's CCP Campaign provides tools and assistance to fulfill that commitment. The resources that ICLEI provides include an emissions analysis software tool that enables local governments to conduct a baseline emissions inventory and develop a climate action plan. ICLEI emphasizes the co-benefits of climate change mitigation, including improved local air quality and reduced operating costs.

The US Conference of Mayors has established a formal relationship with ICLEI's CCP campaign to track progress and implementation of the US Mayors Climate Protection Agreement. ICLEI is the designated organization to provide implementation tools and assistance to municipalities that have signed on to the US Mayors Agreement.

Cities for Climate Protection Examples by Neighboring Communities

Town of Carbondale

- Joined ICLEI and CCP Campaign June 28th 2005 and has completed a baseline emissions inventory, target goals, and a draft of their local action plan, entitled “Town of Carbondale Energy & Climate Protection Plan”.
- Carbondale used the software provided by ICLEI to complete their emissions inventory.
- Carbondale’s energy plan includes the following key strategies:
 - 1) Lead by example – Municipal government should make its buildings and operations a model of energy efficiency and renewable energy while reducing energy costs.
 - 2) Change the rules that influence energy use – The town should upgrade ordinances and regulations that influence energy use and adopt new ones where necessary.
 - 3) Create programs to remove barriers to wiser energy use – The town will partner with utilities, local non-profits, and others to accelerate the transition to cleaner energy.
 - 4) Increase local renewable energy supplies – The town views itself as a local energy producer and investor.
 - 5) Cultivate clean energy jobs and businesses – Carbondale can implement its energy plan in a way that supports and creates local jobs.

San Miguel County

- Joined ICLEI and the CCP Campaign as San Miguel County which included three primary towns; Telluride, Mountain Village, and Norwood.
- Has completed the emissions inventory (used ICLEI software) and a sustainability inventory, has not completed local action plan yet.
- San Miguel county hired ICLEI to help produce sustainability inventory.
- Sustainability Inventory focused on three key areas: Environmental (water, air, land, waste, energy, biological resources), Social (arts & culture, health, safety, education, transportation, recreation, civic & municipal involvement), and Economic (economy, housing, municipal procurement, urban vitality). <http://www.mountain-village.co.us/DocumentView.asp?DID=247#search=%22san%20miguel%20county%20ICLEI%20>

City of Aspen

- Joined the CCP Campaign in 1997 and has completed an emissions inventory, a climate impact assessment, and a draft of their local action plan.
- Aspen created their own resolution, the “Canary Initiative”, in March, 2005 to assess the impacts of global warming and take action to reduce their greenhouse gas emissions.
- Contracted with the Aspen Global Change Institute to produce the climate impact assessment entitled “Climate Change and Aspen: An Assessment of Potential Impacts and Responses”. http://www.agci.org/pdf/Canary/ACIA_Report.pdf
- Did not use ICLEI software to complete emission inventory, instead hired Richard Heede of Climate Mitigation Services to develop new software to best suit the city’s needs. <http://www.agci.org/pdf/Canary/EmissionsInv2004.pdf>

Sample Emissions Inventories and Local Action Plans

- Boulder: http://www.ci.boulder.co.us/files/Environmental%20Affairs/climate%20and%20energy/cap_final_14aug06.pdf
- Ft.Collins: <http://www.fcgov.com/airquality/lap.php>
- Portland, OR: <http://egov.oregon.gov/ENERGY/GBLWRM/docs/GWReport-FInal.pdf>

Action Steps for Gunnison County and Valley Municipalities

ORE is asking Gunnison County and its local municipalities to do the following:

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|--|-------------------------|
| 1) Join ICLEI and CCP Campaign (sign resolution and complete application for membership) | by October 2006 |
| 2) Download ICLEI's Clean Air & Climate Protection Software (Software is free with ICLEI membership) | by October 2006 |
| 3) Establish a process to coordinate inter jurisdictional efforts | by October 2006 |
| 4) Confirm and finance budget (see below) to include: | by 2007 budget approval |
| - ICLEI membership (annual dues based on population) | |
| - Resources for hiring a part time research assistant to help with data collection process and action plan development | |
| - Expenditures for ICLEI technical support, program assistance | |
| 5) Negotiate with ICLEI regarding Research Assistant, budget, and future assistance as defined | by November 2006 |
| 6) Perform Emissions Inventory | by February 2007 |
| 7) Publication of Emissions Inventory and hold Public Forum | by March 2007 |
| 8) Set Reduction Targets based on Emissions Inventory results | by March 2007 |
| 9) Pass Action Plan for programs to reduce emissions and save costs | by April 2007 |
| 10) Implement Action Plan | after April 2007 |

Budget Cities for Climate Protection Campaign Gunnison County

	Expenses		Income	
Step 1	Join ICLEI; Yearly Dues		Gunnison County Contribution	\$10,000.00
	Gunnison County	\$600.00		
	Town of Crested Butte	\$600.00	Town of Crested Butte Contribution	\$ 4,000.00
	Town of Mt. Crested Butte	\$600.00	Town of Mt. Crested Butte Contribution	\$ 2,000.00
	City of Gunnison	\$600.00	City of Gunnison Contribution	\$ 4,000.00
Step 2	Conduct Baseline Inventory			
	Research Assistant Data Collection	\$6,000.00		
	ORE support	\$1,800.00		
	ICLEI support	\$1,000.00		
Step 3	Create Action Plan			
	Research Assistant	\$5,000.00		
	ORE support	\$1,800.00		
	ICLEI support	\$2,000.00		
Step 4	Implementation/Monitoring			
	TOTAL	\$20,000.00		\$ 20,000.00